

WHAT IS CLAIMED IS:

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1. A method for controlling calls in a communication network, calling, using a telephone number, wireless communication terminal equipment wirelessly connected to base stations of a home area, the base stations being connected to communication terminals of the communication network, and the wireless communication terminal equipment being additionally wirelessly connected to a sub-communication network of the communication network;

switching calls directed to a called wireless communication terminal equipment to an appertaining base station in the home area using the communication network, availability of the called wireless communication terminal equipment being determined

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said appertaining base station in the home area; and

rerouting the call, given non-availability of the called wireless communication terminal equipment, to the sub-communication network using the appertaining base station.

2. The method according to claim 1, wherein a call setup for a rerouted call is initiated in the sub-communication network using a mobile telephone number of the called wireless communication terminal equipment, the rerouted call being initiated for the respective wireless communication terminal equipment.

3. The method according to claim 1, wherein availability of the called wireless communication terminal equipment is determined using a paging procedure provided in the base station of the home area.

4. The method according to claim 3, wherein the paging procedure is implemented according to a DECT standard.

5. The method according to claim 1, wherein at least one of the communication network and the sub-communication network is a public ISDN communication network.

6. The method according to claim 5, wherein the rerouting of the call is realized using an ISDN performance feature of "call deflection".

7. The method according to claim 5, wherein the communication terminal is realized by one of an SO access and UKO-ISDN basic access.

8. The method according to claim 1, wherein wireless connection of wireless communication terminal equipment to the base stations in the home area is realized according to one of DECT standard.

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9. The method according to claim 1, wherein wireless connection of wireless communication terminal equipment to basic stations is realized according to one of a DECT standard and a CAP standard.

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10. A method for controlling calls in a communication network,
calling, using a telephone number, wireless communication terminal equipment wirelessly connected to base stations of a home area, the base stations being connected to communication terminals of the communication network, and the wireless communication terminal equipment being additionally wirelessly connected to a sub-communication network of the communication network;

switching calls directed to a called wireless communication terminal equipment to an appertaining base station in the home area using the communication network, availability of the called wireless communication terminal equipment being determined by said appertaining base station in the home area;

rerouting the call, given non-availability of the called wireless communication terminal equipment, to the sub-communication network using the appertaining base station; and

initiating a call setup for a rerouted call in the sub-communication network using a mobile telephone number of the called wireless communication terminal equipment, the rerouted call being initiated for the respective wireless communication terminal equipment.

11. The method according to claim 10, wherein availability of the called wireless communication terminal equipment is determined using a paging procedure provided in the base station of the home area.

12. The method according to claim 11, wherein the paging procedure is implemented according to a DECT standard.

13. The method according to claim 11, wherein at least one of the communication network and the sub-communication network is a public ISDN communication network.

14. The method according to claim 11, wherein the rerouting of the call is realized using an ISDN performance feature of "call deflection".

15. A method for controlling calls in a public ISDN communication network, calling, using a telephone number, wireless communication terminal equipment wirelessly connected to base stations of a home area, the base stations being connected to communication terminals of the communication network, and the wireless communication terminal equipment being additionally wirelessly connected to an ISDN sub-communication network of the ISDN communication network;

switching calls directed to a called wireless communication terminal equipment to an appertaining base station in the home area using the communication network,

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availability of the called wireless communication terminal equipment being determined

by said appertaining base station in the home area;

rerouting the call, given non-availability of the called wireless communication terminal equipment, to the sub-communication network using the appertaining base station and using an ISDN performance feature of "call deflection".

16. The method according to claim 15, wherein a call setup for a rerouted call is initiated in the sub-communication network using a mobile telephone number of the called wireless communication terminal equipment, the rerouted call being initiated to the respective wireless communication terminal equipment.

17. The method according to claim 15, wherein availability of the called wireless communication terminal equipment is determined using a paging procedure provided in the base station of the home area.

18. The method according to claim 17, wherein the paging procedure is implemented according to a DECT standard.